

PA-Score 1.0 Scoresheets
VANGUARD VINYL SIDING, INC. - 04/22/92

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OMB Approval Number: 2050-0095
Approved for Use Through: 1/92

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM	IDENTIFICATION	
	State: NJ	CERCLIS Number: D982530073
	CERCLIS Discovery Date: 3/27/92	

1. General Site Information

Name: VANGUARD VINYL SIDING, INC.		Street Address: CHARLES & WATER STREETS			
City: GLOUCESTER CITY	State: NJ	Zip Code: 08030	County: CAMDEN	Co. Code: 04	Cong. Dist: 01
Latitude: 39° 53' 28.0"	Longitude: 75° 7' 43.0"	Approx. Area of Site: 2 acres		Status of Site: Inactive	

2. Owner/Operator Information

Owner: VANGUARD VINYL C/O KERM INVESTMENT			Operator: VANGUARD VINYL SIDING, INC.		
Street Address: P.O. BOX 506			Street Address: CHARLES & WATER STREETS		
City: MANVILLE			City: GLOUCESTER CITY		
State: NJ	Zip Code: 08835	Telephone:	State: NJ	Zip Code: 08030	Telephone:
Type of Ownership: Private			How Initially Identified: State/Local Program		

280613



POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM		IDENTIFICATION	
		State: NJ	CERCLIS Number: D982530073
		CERCLIS Discovery Date: 3/27/92	
3. Site Evaluator Information			
Name of Evaluator: EILEEN STEWART		Agency/Organization: DEPE/RPSR	
Date Prepared: 4/22/92			
Street Address: 300 HORIZON CENTER		City: ROBBINSVILLE	State: NJ
Name of EPA or State Agency Contact: KEN KLOO/SECTION CHIEF		Telephone: 609-584-4280	
Street Address: 300 HORIZON CENTER		City: ROBBINSVILLE	State: NJ
4. Site Disposition (for EPA use only)			
Emergency Response/Removal Assessment Recommendation: Yes Date: 3/11/92	CERCLIS Recommendation: Lower Priority SI Date: 3/18/92	Signature: Name: EILEEN STEWART Position: HSMS	

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5. General Site Characteristics

Predominant Land Uses Within 1 Mile of Site: Industrial Commercial	Site Setting: Urban	Years of Operation: Beginning Year: 1923 Ending Year: 1983
Type of Site Operations: Manufacturing Other Manufacturing	Waste Generated: Onsite	
	Waste Deposition Authorized By: Present Owner	
	Waste Accessible to the Public Yes	
	Distance to Nearest Dwelling, School, or Workplace: 1584 Feet	

6. Waste Characteristics Information

Source Type Quantity Tier Drums 2.00e+01 drums V Contaminated soil 2.00e+00 acres A	General Types of Waste: Solvents Laboratory/Hospital Waste
Tier Legend C = Constituent W = Wastestream V = Volume A = Area	Physical State of Waste as Deposited: Solid Liquid

<p>POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT FORM</p>	IDENTIFICATION	
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7. Ground Water Pathway

<p>Is Ground Water Used for Drinking Water Within 4 Miles: No</p>	<p>Is There a Suspected Release to Ground Water: No</p>	<p>List Secondary Target Population Served by Ground Water Withdrawn From:</p> <table> <tr> <td>0 - 1/4 Mile</td> <td>0</td> </tr> <tr> <td>>1/4 - 1/2 Mile</td> <td>3506</td> </tr> <tr> <td>>1/2 - 1 Mile</td> <td>8264</td> </tr> <tr> <td>>1 - 2 Miles</td> <td>28147</td> </tr> <tr> <td>>2 - 3 Miles</td> <td>111304</td> </tr> <tr> <td>>3 - 4 Miles</td> <td>160093</td> </tr> <tr> <td>Total</td> <td>311314</td> </tr> </table>	0 - 1/4 Mile	0	>1/4 - 1/2 Mile	3506	>1/2 - 1 Mile	8264	>1 - 2 Miles	28147	>2 - 3 Miles	111304	>3 - 4 Miles	160093	Total	311314
0 - 1/4 Mile	0															
>1/4 - 1/2 Mile	3506															
>1/2 - 1 Mile	8264															
>1 - 2 Miles	28147															
>2 - 3 Miles	111304															
>3 - 4 Miles	160093															
Total	311314															
<p>Type of Ground Water Wells Within 4 Miles: Municipal Private</p>	<p>Have Primary Target Drinking Water Wells Been Identified: No</p>															
<p>Depth to Shallowest Aquifer: 190 Feet</p>	<p>Nearest Designated Wellhead Protection Area: None within 4 Miles</p>															
<p>Karst Terrain/Aquifer Present: No</p>																

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8. Surface Water Pathway

Part 1 of 4

Type of Surface Water Draining Site and 15 Miles Downstream: River	Shortest Overland Distance From Any Source to Surface Water: 0 Feet 0.0 Miles
Is there a Suspected Release to Surface Water: No	Site is Located in: >10 yr - 100 yr floodplai

8. Surface Water Pathway

Part 2 of 4

Drinking Water Intakes Along the Surface Water Migration Path: No
Have Primary Target Drinking Water Intakes Been Identified: No
Secondary Target Drinking Water Intakes: None

POTENTIAL HAZARDOUS

WASTE SITE

PRELIMINARY ASSESSMENT FORM

IDENTIFICATION

State:
NJ

CERCLIS Number:
D982530073

CERCLIS Discovery Date:
3/27/92

8. Surface Water Pathway

Part 3 of 4

Fisheries Located Along the Surface Water Migration Path: Yes

Have Primary Target Fisheries Been Identified: No

Secondary Target Fisheries:

Fishery Name	Water Body Type/Flow(cfs)
DELAWARE RIVER	large stream/river/ >1000-10000

8. Surface Water Pathway

Part 4 of 4

Wetlands Located Along the Surface Water Migration Path? (y/n) Yes

Have Primary Target Wetlands Been Identified? (y/n) No

Secondary Target Wetlands:

Water Body/Flow(cfs)	Frontage(mi)
large stream/river/ >1000-10000	0.1 to 1
large stream/river/ >1000-10000	0.1 to 1

Other Sensitive Environments Along the Surface Water Migration Path: No

Have Primary Target Sensitive Environments Been Identified: No

Secondary Target Sensitive Environments:

None

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9. Soil Exposure Pathway

Are People Occupying Residences or
Attending School or Daycare on or
Within 200 Feet of Areas of Known
or Suspected Contamination: No

Number of Workers Onsite: None

Have Terrestrial Sensitive Environments Been Identified on or Within
200 Feet of Areas of Known or Suspected Contamination: No

10. Air Pathway

Total Population on or Within:	
Onsite	0
0 - 1/4 Mile	0
>1/4 - 1/2 Mile	3506
>1/2 - 1 Mile	8264
>1 - 2 Miles	28147
>2 - 3 Miles	111304
>3 - 4 Miles	160093
Total	311314

Is There a Suspected Release to Air: No

Wetlands Located
Within 4 Miles of the Site: No

Other Sensitive Environments Located
Within 4 Miles of the Site: No

Sensitive Environments Within 1/2 Mile of the Site:
None

PA-Score

PA SCORESHEETS

Site Name: VANGUARD VINYL SIDING, INC.
CERCLIS ID No.: D982530073
Street Address: CHARLES & WATER STREETS
City/State/Zip: GLOUCESTER CITY, NJ 08030

Investigator: EILEEN STEWART
Agency/Organization: DEPE/RPSR
Street Address: 300 HORIZON CENTER
City/State: ROBBINSVILLE, NJ

Date: 4/22/92

WASTE CHARACTERISTICS

Waste Characteristics (WC) Calculations:

1 DRUMS	Drums	WQ value	maximum
Volume	2.00E+01 drums	2.00E+00	2.00E+00
2 CONTAMINATED SOIL	Contaminated soil	WQ value	maximum
Area	2.00E+00 acres	2.56E+00	2.56E+00

WQ total 4.56E+00

Waste Characteristics Score: WC = 18

Ground Water Pathway Criteria List
Suspected Release

Are sources poorly contained? (y/n/u)	Y
Is the source a type likely to contribute to ground water contamination (e.g., wet lagoon)? (y/n/u)	U
Is waste quantity particularly large? (y/n/u)	N
Is precipitation heavy? (y/n/u)	Y
Is the infiltration rate high? (y/n/u)	Y
Is the site located in an area of karst terrain? (y/n)	N
Is the subsurface highly permeable or conductive? (y/n/u)	Y
Is drinking water drawn from a shallow aquifer? (y/n/u)	N
Are suspected contaminants highly mobile in ground water? (y/n/u)	U
Does analytical or circumstantial evidence suggest ground water contamination? (y/n/u)	N

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for Suspected Release:

Ground Water Pathway Criteria List
Primary Targets

Is any drinking water well nearby? (y/n/u)

Has any nearby drinking water well been closed? (y/n/u)

Has any nearby drinking water well user reported
foul-testing or foul-smelling water? (y/n/u)

Does any nearby well have a large drawdown/high production rate? (y/n/u)

Is any drinking water well located between the site and other wells
that are suspected to be exposed to a hazardous substance? (y/n/u)

Does analytical or circumstantial evidence suggest contamination
at a drinking water well? (y/n/u)

Does any drinking water well warrant sampling? (y/n/u)

Other criteria? (y/n)

PRIMARY TARGET(S) IDENTIFIED? (y/n)

Summarize the rationale for Primary Targets:

GROUND WATER PATHWAY SCORESHEETS

Pathway Characteristics

		Ref.
Do you suspect a release? (y/n)	No	
Is the site located in karst terrain? (y/n)	No	
Depth to aquifer (feet):	190	
Distance to the nearest drinking water well (feet):	4480	

LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		500	
LR =	0	500	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION Are any wells part of a blended system? (y/n) Y	0	4212	
5. NEAREST WELL	0	18	
6. WELLHEAD PROTECTION AREA None within 4 Miles	0	0	
7. RESOURCES	0	5	
T =	0	4235	

WASTE CHARACTERISTICS

WC =

0	18
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GROUND WATER PATHWAY SCORE:

100

Ground Water Target Populations

Primary Target Population Drinking Water Well ID	Dist. (miles)	Population Served	Reference	Value
None				
Total				

Secondary Target Population Distance Categories	Population Served	Reference	Value
0 to 1/4 mile	0		0
Greater than 1/4 to 1/2 mile	3506		323
Greater than 1/2 to 1 mile	8264		167
Greater than 1 to 2 miles	28147		294
Greater than 2 to 3 miles	111304		2122
Greater than 3 to 4 miles	160093		1306
Total			4212

Apportionment Documentation for a Blended System

GLOUCESTER CITY WATER DEPT.- FOUR WELLS >1/2-1 mile, 12,500 people serviced. BROOKLAWN WATER DEPT.- THREE WELLS >1/2-1 MILE, 2,520 PEOPLE SERVICED. NATIONAL PARK WATER DEPT.- TWO WELLS > 3-4 MILES, 3,550 PEOPLE SERVICED. N.J. AMERICAN WATER DEPT. - FIVE WELLS > 3-4 MILES, TWO WELLS > 2-3 MILES. SERVICES 23,440 PEOPLE. COLLINGSWOOD WATER DEPT.- SIX WELLS > 3-4 MILES, ONE WELL >2-3 MILES. SERVICES 20,000 PEOPLE. BELLMAWR WATER DEPT.- TWO WELLS >1-2 MILES, TWO WELLS >2-3 MILES. SERVICES 9,520 PEOPLE. CAMDEN CITY WATER DEPT.- THREE WELLS > 3-4 MILES, SERVICE 20,000 PEOPLE. WEST DEPTFORD WATER DEPT.- ONE WELL >2-3 MILES, ONE WELL >3-4 MILES, PART OF AN INTERCONNECTED SYSTEM WITH A TOTAL OF SEVEN WELLS. SYSTEM SERVICES 19,000 PEOPLE. WESTVILLE WATER DEPT. THREE WELLS >1-2 MILES, 7000 PEOPLE SERVICED. DEPTFORD TOWNSHIP MUA - ONE WELL >2-3 MILES, SERVICES 1,100 PEOPLE. WOODBURY TOWNSHIP WATER DEPT.- TWO WELLS >3-4 MILES. PART OF AN INTERCONNECTED SYSTEM COMPRISED OF FIVE WELLS, THIS SYSTEM SERVICES 11,920 PEOPLE. HADDON TWP. WATER DEPT.- FOUR WELLS >3-4 MILES, 12,000 PEOPLE SERVICED. TWO DOMESTIC WELLS ARE LOCATED WITHIN A 1 MILE RADIUS OF THE SITE. APPROXIMATELY 64 RESIDENTS ARE SERVICED BY PRIVATE WELLS IN A >3-4 MILE RADIUS.

Surface Water Pathway Criteria List
Suspected Release

Is surface water nearby? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	N
Is the drainage area large? (y/n/u)	N
Is rainfall heavy? (y/n/u)	Y
Is the infiltration rate low? (y/n/u)	N
Are sources poorly contained or prone to runoff or flooding? (y/n/u)	Y
Is a runoff route well defined(e.g.ditch/channel to surf.water)? (y/n/u)	Y
Is vegetation stressed along the probable runoff path? (y/n/u)	N
Are sediments or water unnaturally discolored? (y/n/u)	N
Is wildlife unnaturally absent? (y/n/u)	N
Has deposition of waste into surface water been observed? (y/n/u)	N
Is ground water discharge to surface water likely? (y/n/u)	N
Does analytical/circumstantial evidence suggest S.W. contam? (y/n/u)	N

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for Suspected Release:

Surface Water Pathway Criteria List
Primary Targets

Is any target nearby? (y/n/u)	If yes:	Y
N Drinking water intake		
Y Fishery		
N Sensitive environment		
Has any intake, fishery, or recreational area been closed? (y/n/u)		N
Does analytical or circumstantial evidence suggest surface water contamination at or downstream of a target? (y/n/u)		N
Does any target warrant sampling? (y/n/u)	If yes:	N
N Drinking water intake		
N Fishery		
N Sensitive environment		

Other criteria? (y/n) N

PRIMARY INTAKE(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Intakes:

continued -----

continued -----

Other criteria? (y/n) N

PRIMARY FISHERY(IES) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Fisheries:

Other criteria? (y/n) N

PRIMARY SENSITIVE ENVIRONMENT(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Sensitive Environments:

SURFACE WATER PATHWAY SCORESHEETS

Pathway Characteristics

		Ref.
Do you suspect a release? (y/n)	No	
Distance to surface water (feet):	0	
Flood frequency (years):	100	
What is the downstream distance (miles) to:		
a. the nearest drinking water intake?	N.A.	
b. the nearest fishery?	0.0	
c. the nearest sensitive environment?	0.6	

LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		500	
LR =	0	500	

Drinking Water Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
3. Determine the water body type, flow (if applicable), and number of people served by each drinking water intake.			
4. PRIMARY TARGET POPULATION 0 person(s)	0		
5. SECONDARY TARGET POPULATION Are any intakes part of a blended system? (y/n): N	0	0	
6. NEAREST INTAKE	0	0	
7. RESOURCES	0	5	
T =	0	5	

Drinking Water Threat Target Populations

Intake Name	Primary (y/n)	Water Body Type/Flow	Population Served	Ref.	Value
None					
Total Primary Target Population Value					0
Total Secondary Target Population Value					0

Apportionment Documentation for a Blended System

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Human Food Chain Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
8. Determine the water body type and flow for each fishery within the target limit.			
9. PRIMARY FISHERIES	0		
10. SECONDARY FISHERIES	0	12	
T =	0	12	

Human Food Chain Threat Targets

Fishery Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 DELAWARE RIVER	N	>1000-10000 cfs		12
Total Primary Fisheries Value				0
Total Secondary Fisheries Value				12

Environmental Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
11. Determine the water body type and flow (if applicable) for each sensitive environment.			
12. PRIMARY SENSITIVE ENVIRONMENTS	0		
13. SECONDARY SENSITIVE ENVIRONS.	0	10	
T =	0	10	

Environmental Threat Targets

Sensitive Environment Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 DELAWARE RIVER TIDAL FLAT	N	>1000-10000 cfs		12
2 BIG TIMBER CREEK TIDAL FL	N	>1000-10000 cfs		12
Total Primary Sensitive Environments Value				0
Total Secondary Sensitive Environments Value				0

Surface Water Pathway Threat Scores

Threat	Likelihood of Release(LR) Score	Targets(T) Score	Pathway Waste Characteristics (WC) Score	Threat Score LR x T x WC / 82,500
Drinking Water	500	5	18	1
Human Food Chain	500	12	18	1
Environmental	500	10	18	1

SURFACE WATER PATHWAY SCORE:

3

Soil Exposure Pathway Criteria List
Resident Population

Is any residence, school, or daycare facility on or within 200 feet of an area of suspected contamination? (y/n/u)	N
Is any residence, school, or daycare facility located on adjacent land previously owned or leased by the site owner/operator? (y/n/u)	N
Is there a migration route that might spread hazardous substances near residences, schools, or daycare facilities? (y/n/u)	N
Have onsite or adjacent residents or students reported adverse health effects, exclusive of apparent drinking water or air contamination problems? (y/n/u)	N
Does any neighboring property warrant sampling? (y/n/u)	N
Other criteria? (y/n)	N

RESIDENT POPULATION IDENTIFIED? (y/n) N

Summarize the rationale for Resident Population:

SOIL EXPOSURE PATHWAY SCORESHEETS

Pathway Characteristics

	Ref.
Do any people live on or within 200 ft of areas of suspected contamination? (y/n) No	
Do any people attend school or daycare on or within 200 ft of areas of suspected contamination? (y/n) No	
Is the facility active? (y/n): No	

LIKELIHOOD OF EXPOSURE	Suspected Contamination	References
1. SUSPECTED CONTAMINATION LE =	550	

Targets

2. RESIDENT POPULATION 0 resident(s) 0 school/daycare student(s)	0	
3. RESIDENT INDIVIDUAL	0	
4. WORKERS None	0	
5. TERRES. SENSITIVE ENVIRONMENTS	0	
6. RESOURCES	5	
T =	5	

WASTE CHARACTERISTICS

WC =

18

RESIDENT POPULATION THREAT SCORE:

1

NEARBY POPULATION THREAT SCORE:

2

Population Within 1 Mile: 10,001 - 50,000

SOIL EXPOSURE PATHWAY SCORE:

3

Soil Exposure Pathway Terrestrial Sensitive Environments

Terrestrial Sensitive Environment Name	Reference	Value
None		
Total Terrestrial Sensitive Environments Value		

Air Pathway Criteria List
Suspected Release

Are odors currently reported? (y/n/u) N

Has release of a hazardous substance to the air
been directly observed? (y/n/u) N

Are there reports of adverse health effects (e.g., headaches,
nausea, dizziness) potentially resulting from migration
of hazardous substances through the air? (y/n/u) N

Does analytical/circumstantial evidence suggest release to air? (y/n/u) N

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for Suspected Release:

AIR PATHWAY SCORESHEETS

Pathway Characteristics

Ref.

Do you suspect a release? (y/n)			No	
Distance to the nearest individual (feet):			1580	
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References	
1. SUSPECTED RELEASE	0			
2. NO SUSPECTED RELEASE		500		
LR =		0 500		

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION	0	105	
5. NEAREST INDIVIDUAL	0	2	
6. PRIMARY SENSITIVE ENVIRONS.	0		
7. SECONDARY SENSITIVE ENVIRONS.	0	0	
8. RESOURCES	0	5	
T =		0 112	

WASTE CHARACTERISTICS

WC =

0	18
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AIR PATHWAY SCORE:

12

Air Pathway Secondary Target Populations

Distance Categories	Population	References	Value
Onsite	0		0
Greater than 0 to 1/4 mile	0		0
Greater than 1/4 to 1/2 mile	3506		28
Greater than 1/2 to 1 mile	8264		8
Greater than 1 to 2 miles	28147		8
Greater than 2 to 3 miles	111304		38
Greater than 3 to 4 miles	160093		23
Total Secondary Population Value			105

Air Pathway Primary Sensitive Environments

Sensitive Environment Name	Reference	Value
None		
Total Primary Sensitive Environments Value		

Air Pathway Secondary Sensitive Environments

Sensitive Environment Name	Distance	Reference	Value
None			
Total Secondary Sensitive Environments Value			

PA-Score 1.0 Scoresheets
VANGUARD VINYL SIDING, INC. - 04/22/92

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SITE SCORE CALCULATION	SCORE
GROUND WATER PATHWAY SCORE:	100
SURFACE WATER PATHWAY SCORE:	3
SOIL EXPOSURE PATHWAY SCORE:	3
AIR PATHWAY SCORE:	12
SITE SCORE:	50

SUMMARY

1. Is there a high possibility of a threat to any nearby drinking water well(s) by migration of a hazardous substance in ground water? No

If yes, identify the well(s).

If yes, how many people are served by the threatened well(s)? 0

2. Is there a high possibility of a threat to any of the following by hazardous substance migration in surface water?
- | | |
|--|----|
| A. Drinking water intake | No |
| B. Fishery | No |
| C. Sensitive environment (wetland, critical habitat, others) | No |

If yes, identity the target(s).

3. Is there a high possibility of an area of surficial contamination within 200 feet of any residence, school, or daycare facility? No

If yes, identify the properties and estimate the associated population(s)

4. Are there public health concerns at this site that are not addressed by PA scoring considerations? No

If yes, explain:

REFERENCE LIST